



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers

FROM: G. R. Perfetti, P. E.
State Bridge Design Engineer

DATE: July 28, 2005

SUBJECT: DESIGN MANUAL FIGURE 11-3

Design Manual Figure 11-3 has been updated to include Box Beam girders. The figure is attached for immediate use.

The Design Manual will be updated at a later date.

GRP/DAS/snj

Attachments

[Fig. 11-3 \(English\)](#)

[Fig. 11-3 \(Metric\)](#)

cc: R. V. Keith, P. E., with attachments
R. A. Raynor, P. E., with attachments
E. C. Powell, Jr., P. E., Attn: R. A. Hancock, P. E., with attachments
J. H. Emerson, P. E., with attachments
T. S. Drda, P. E., FHWA, with attachments
D. R. Henderson, P. E., with attachments
J. A. Bennett, P. E., with attachments